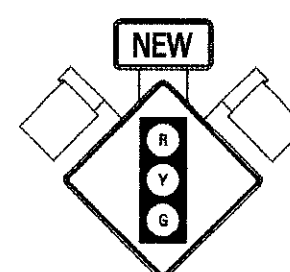


# PROPOSED SIGNS

I-270Y RAMP IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

9,10,12,13



11

Westlake Terrace

D-3

VAR. X 12"

14



R3-5R

30" X 36"

W3-3 (48" X 48")  
W/'NEW' PANEL (30" X 30")  
AND FLAGS

# PROPOSED SIGNALS

# NEMA PHASING

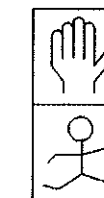
# PHASING NOTES

1,2,3,4,5,6

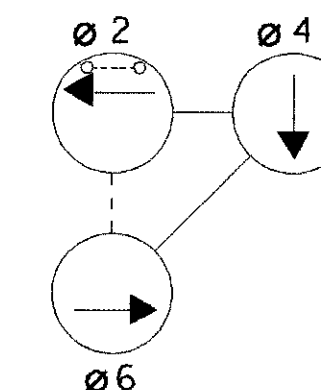


12"

7,8

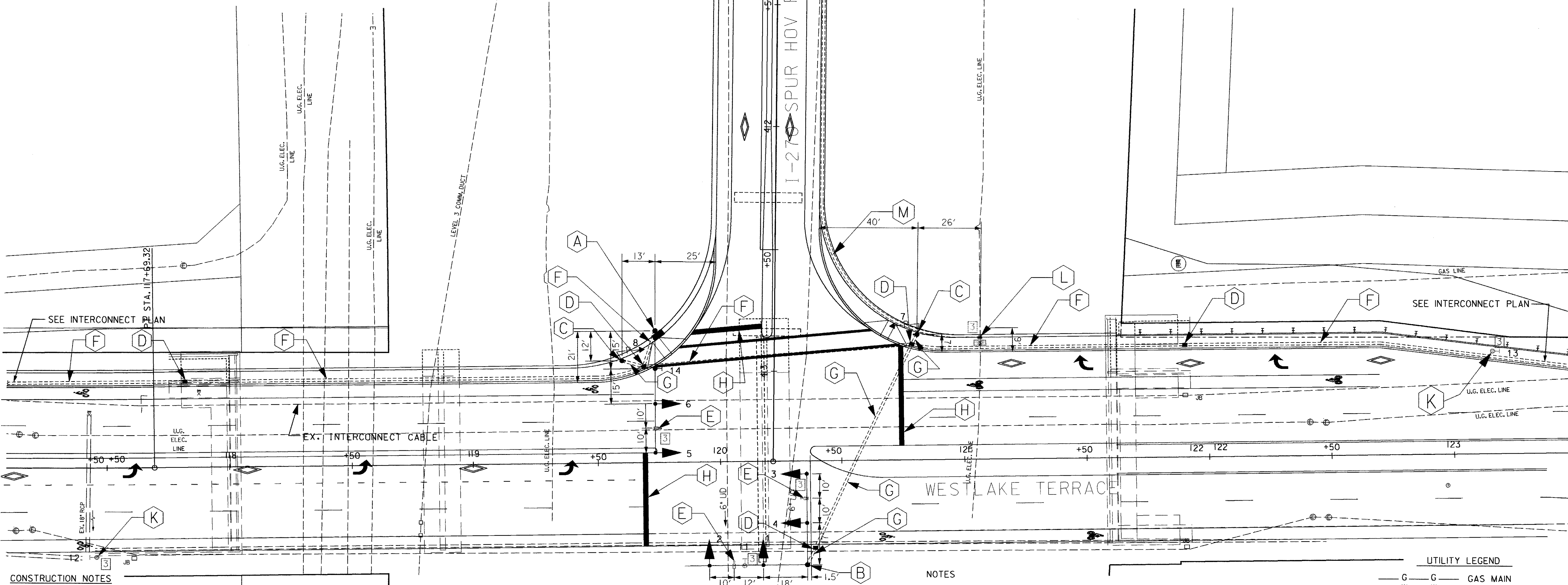


12"



FLASHING OPERATION

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



## CONSTRUCTION NOTES

- INSTALL STEEL POLE WITH A 50 FT. MAST ARM, NEMA SIZE "6" POLE-MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT AND TRAFFIC SIGNAL HEADS AS SHOWN (CUT, CAP, GALVANIZE AND CLEAN TRAFFIC SIGNAL STRUCTURE).
- INSTALL STEEL POLE WITH TWIN 36" 50 FT. MAST ARMS AND TRAFFIC SIGNAL HEADS AS SHOWN.
- INSTALL 14 FT. PEDESTAL POLE WITH PUSH BUTTON TRAFFIC SIGNAL HEADS AS SHOWN.
- INSTALL HANDHOLE.
- INSTALL VIDEO TRAFFIC DETECTOR.
- INSTALL 4 IN. POLYVINYL CHLORIDE (SCH. 80) ELECTRICAL CONDUIT TO BRIDGE SUPERSTRUCTURE WHERE APPROPRIATE.
- INSTALL 3 IN. POLYVINYL CHLORIDE (SCH. 80) ELECTRICAL CONDUIT TO BRIDGE SUPERSTRUCTURE.
- INSTALL 24 IN. ROLLED PREFORMED TAPE.
- INSTALL W3-3 (SIGNAL AHEAD) SIGN ASSEMBLY ON A 4 IN. X 6 IN. TREATED WOOD POST A MINIMUM OF 300 FT. IN ADVANCE OF THE STOP LINE.
- INSTALL W3-3 (SIGNAL AHEAD) SIGN ASSEMBLY ON A 4 IN. X 6 IN. TREATED WOOD POST A MINIMUM OF 225 FT. IN ADVANCE OF THE STOP LINE.
- INSTALL STEEL CCTV POLE WITH POLE MOUNTED TYPE "G" FIELD EQUIPMENT CABINET, AND ALL FIELD EQUIPMENT TO OPERATE CCTV, SINGLE MODE FIBEROPTIC ST CONNECTOR, RACK-MOUNTED SPLICE ENCLOSURE DISCONNECT SWITCH, MOUNT CCTV COLOR CAMERA ASSEMBLY TO POLE. INSTALL 5 KVA STEP-DOWN TRANSFORMER OUTSIDE CABINET.
- INSTALL 4 INCH SCHEDULE 80 RIGID PVC CONDUIT WITH TWO (2) 1-CONDUCTOR #2 AWG CABLES FOR POWER AND 1- CONDUCTOR #6 AWG STRANDED BARE COPPER GROUND WITHIN PARAPET WALL. INSTALL 4 INCH MULTI-DUCT CONDUIT WITH ST CONNECTORS AND 48 FIBER SINGLE MODE FIBEROPTIC CABLE TO BRIDGE SUPERSTRUCTURE WHERE APPROPRIATE.

## NOTES

- ALL PAVEMENT MARKINGS SHOWN ARE PROPOSED AND UNLESS OTHERWISE NOTED, ARE TO BE INSTALLED BY OTHERS IN ACCORDANCE WITH S.H.A. STANDARDS
- SEE SHEETS SI, I4 & 21.2 OF 46 FOR DETAILS OF ATTACHING TRAFFIC SIGNAL POLES AND CCTV POLE TO BRIDGE PARAPET.

ADDENDUM NO. 4 03/08/2001 REPLACE OLD SHEET 242

## UTILITY LEGEND

- G — G — GAS MAIN
- W — W — WATER MAIN
- S — S — SEWER MAIN
- E — E — ELECTRIC CABLES
- A — A — AERIAL CABLES
- T — T — TELEPHONE CABLES

THE WILSON T. BALLARD CO.  
CONSULTING ENGINEERS  
OWINGS MILLS, MARYLAND

REVISIONS	APPROVALS
	<i>Bruce Thompson</i> 9/18/01 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>John H. H.</i> 9/18/01 ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	<i>John H. H.</i> CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	<i>John H. H.</i> DIRECTOR, TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION

I-270 WEST SPUR AT DEMOCRACY BOULEVARD  
AND WESTLAKE TERRACE

I-270 Y HOV RAMP AT WESTLAKE TERRACE

DRAWN BY: DJP/STB	F.A.P. NO. SEE TITLE SHEET	TS NO. 4053-1	SHEET NO. 242 OF 296
CHECKED BY: 9/18/01	S.H.A. NO. M09025172	T.I.M.S. NO. D 968	
SCALE: 1"=20'	COUNTY: MONTGOMERY		
DATE: MARCH, 2001	LOG MILE: 1.14		